Chem 11 Assignment: Properties of acids, bases, molecular substances and ionic substances. Make a large box and divide it into four boxes. In each box put one of the following heading: Value 60 marks Due:

Acid

Base

Molecular Compound

Ionic compound

For each category of substance put the following:

1. SATP state(s) /4
2. Conductivity /4
3. Diagnostic test(s) /4
4. Give five examples of different substances that fit into the category. Include the chemical name and the formula. /20
5. Give a brief description of how you would recognize the formula for a substance from this category. /8
6. Include sketches, diagrams, or pictures of representative samples for the category. /20

Please make your assignment creative, colourful and neat.

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| --- | --- |
| Ionic | Molecular |
| Acid | Base |